Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 11 Jan 2021 until 23:59 on Tuesday 12 Jan 2021

Forecast Issued on Monday 11 Jan 2021 at 03:37

Confidence: High for changeable conditions through the coming week and for Tuesday being a fine day, but lower with regard to timings and clearance of the various bands of precipitation.

Headline for Monday 11 Jan 2021: Cloudy with outbreaks of occasionally heavy rain and summits often obscured. Strong winds.

Mountain weather hazards on Monday 11 Jan 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Drizzle	Heavy Rain	Heavy Rain	Light rain	Heavy Rain	Heavy Rain
Precipitation probability					
30%	70%	70%	30%	90%	>95%

Forecast for Monday 11 Jan 2021

Weather: A cloudy day further outbreaks of occasionally heavy rain, most frequent in the west. Some drier intervals across eastern hills. These bringing a risk of sleet or wet snow above 700m towards midnight.

Chance of cloud free mountain/hill tops above 600m: Near zero in west, 20% in east.

Visibility: Persistent low cloud obscuring tops above 500m in west, but more broken in east with some clearer intervals possible. Rather hazy at lower levels, with occasional rain reducing the views of moderately distant hills.

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Forecast for Monday 11 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	29/39 W	33/45 SW	34/47 W	33/45 W	30/42 W	23/33 W	19/27 W
300	17/38 W	19/40 W	21/42 W	21/43 W	19/38 W	14/31 W	12/25 W
Valley	11/27 W	14/31 W	14/31 W	14/31 W	13/30 W	10/25 W	8/22 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-5	3/-4	4/-3	4/-2	4/-2	4/-2	3/-2
300	4/-0	5/-0	5/-0	6/1	6/2	6/2	5/2
Valley	6/2	6/2	6/3	8/4	7/4	7/4	6/4
Freezing Level*	900m	1400m	1500m	1300m	1300m	1200m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A poor day, with limited views and a thaw of frozen ground. Rivers likely to be high due, with boggy ground underfoot. Despite milder temperatures than of late, it will still be feeling cold at height due to strong winds.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 11 Jan 2021	5.4mm	7.8mm	10.2mm

Forecast for Tuesday 12 Jan 2021

Weather: Outbreaks of rain clearing south during the early hours, but turning to snow above 600m as they clear. Freeze likely across the tops, leading to icy paths and rocks. A largely fine, sunny but cold day follows, with just the outside chance of a light snow shower.

Maximum wind: Northerly 20mph gusting 35mph through the early hours, decreasing to northwesterly 10-15mph through the morning.

Chance of cloud free mountain/hill tops above 600m: 20% during early hours, increasing to near 100% by dawn. Falling to 70% after dusk, with greatest risk in west.

Visibility: Cloud extensive above 450m during the early hours, clearing by dawn. Otherwise very good visibility with some good panoramic views.

Temperature: **Valleys:** Zero Celsius at dawn rising to Plus 4 Celsius.
At 600m: Minus 3 Celsius.
Freezing level: 700m, falling to valley floors by dawn. Rising a little to 300m through daylight hours.

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